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Attorney Docket No.: 01-052410US  
Client Reference No.: 100/09100US

### DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHODS AND DEVICES FOR ENHANCING BONDED SUBSTRATE YIELDS AND REGULATING TEMPERATURE** the specification of which    is attached hereto or   X   was filed on June 18, 2001 as Application No. 09/884,429, and was amended on                      (if applicable).

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

#### Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

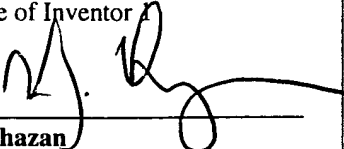
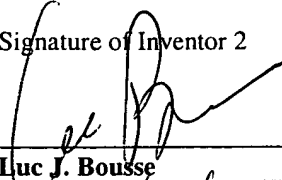
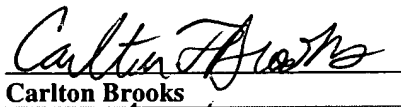
Application No.	Filing Date
60/212,701	June 19, 2000

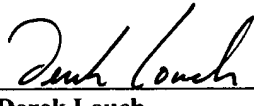

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

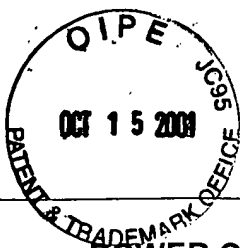
Full Name of Inventor 1:	Full Name: <b>David Chazan</b>		
Residence & Citizenship:	City: <b>Palo Alto</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States of America</b>
Post Office Address:	Post Office Address: <b>4040 Manzana Lane, Palo Alto, California 94306</b>		
Full Name of Inventor 2:	Full Name: <b>Luc J. Bousse</b>		
Residence & Citizenship:	City: <b>Los Altos</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>Belgium</b>
Post Office Address:	Post Office Address: <b>1050 Rilma Lane, Los Altos, California 94022</b>		
Full Name of Inventor 3:	Full Name: <b>Carlton Brooks</b>		
Residence & Citizenship:	City: <b>Menlo Park</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>US</b>
Post Office Address:	Post Office Address: <b>842 Coleman Avenue, Apt. #10, Menlo Park, California 94025</b>		
Full Name of Inventor 4:	Full Name: <b>Derek Louch</b>		
Residence & Citizenship:	City: <b>S.W. Calgary</b>	State/Foreign Country: <b>Canada</b>	Country of Citizenship: <b>CA</b>
Post Office Address:	Post Office Address: <b>#304 – 626 15<sup>TH</sup> Avenue SW, T2R 0R5 Alberta, Canada</b>		
Full Name of Inventor 5:	Full Name: <b>Michael R. Spaid</b>		
Residence & Citizenship:	City: <b>Sunnyvale</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>US</b>
Post Office Address:	Post Office Address: <b>693 Arbutus Avenue, Sunnyvale, California 94086</b>		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  _____ <b>David Chazan</b>	Signature of Inventor 2  _____ <b>Luc J. Bousse</b>	Signature of Inventor 3  _____ <b>Carlton Brooks</b>
Date <u>sep 26, 01</u>	Date <u>9/28/01</u>	Date <u>9/25/2001</u>

Signature of Inventor 4  _____ <b>Derek Louch</b>	Signature of Inventor 5  _____ <b>Michael R. Spaid</b>
Date <u>Sept 7<sup>th</sup>, 2001</u>	Date <u>NS 10/3/01</u> <u>10/03/01</u>

declaration



(Modified) PTO/SB/81 (11-96)  
Approved for use through 6/30/99. OMB 0651-0035

<b>POWER OF ATTORNEY OR AUTHORIZATION OF AGENT, NOT ACCOMPANYING APPLICATION</b>	Application Number	09/884,429
	Filing Date	June 18, 2001
	First Named Inventor	David Chazan
	Group Art Unit	Unassigned
	Examiner Name	Unassigned
	Attorney Docket Number	01-052410US

I hereby appoint:

☒ Practitioners at Customer Number

22798

Type Customer Number Here



AND

☒ Practitioner(s) named below:

Name	Registration Number
Matthew B. Murphy	39,787
Gulshan Shaver	37,496

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

Firm or Individual Name				
Address				
Address				
City		State		Zip
Country				
Telephone		Fax		

I am the

☐ Applicant.

☒ Assignee of record of the entire interest (*Certificate under 37 CFR 3.73(b) is enclosed*)

SIGNATURE of Applicant or Assignee of Record

Name	J. Wallace Parce
Signature	
Date	10/3/01

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: \_\_\_\_\_

Typed or printed name			
Signature		Date	



**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant: David Chazan, et al.

Application No.: 09/884,429

Filed: June 18, 2001

Entitled: **METHODS AND DEVICES FOR ENHANCING BONDED SUBSTRATE  
YIELDS AND REGULATING TEMPERATURE**

Caliper Technologies Corp., a

corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:


1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

10/9/01  
Date


  
Signature  
J. Wallace Parce  
Typed or printed name  
Vice President of Research  
Title

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

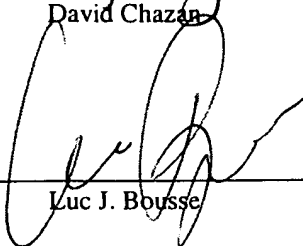
Assignment  
Application No.: 09/884,429  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: Sept 26, 01

  
\_\_\_\_\_  
David Chazan

Dated: 9/28/01

  
\_\_\_\_\_  
Luc J. Bousse

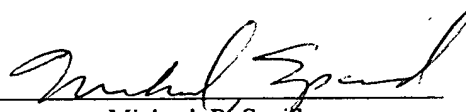
Dated: 9/25/2001

  
\_\_\_\_\_  
Carlton Brooks

Dated: Sept 7<sup>th</sup>, 2001

  
\_\_\_\_\_  
Derek Louch

Dated: 10/3/01

  
\_\_\_\_\_  
Michael R. Spaid  
MS  
10/3/01